

Series 770

DOUBLE CHECK VALVE BACKFLOW PREVENTER

Sizes: 4", 6", 8"

The 770 Series Double Check Valve Backflow Preventer is designed to prevent the reverse flow in water lines and to prevent polluted water from entering into the potable water system. This series can be applied to a variety of installations where the degree of hazard is considered to be low to intermediate and where approved for specific installations. 770 Series features a modular spring loaded design which facilitates vertical or horizontal installation. **Check with local authority having jurisdiction for installation requirements.**

FEATURES

- Removable bronze seats
- Stainless steel internal parts
- Maximum flow at low pressure drop
- Compact for economy combined with performance
- Design simplicity for easy maintenance
- Ductile iron bodies for maximum strength

OPTIONS

(Options can be combined)

Suffix

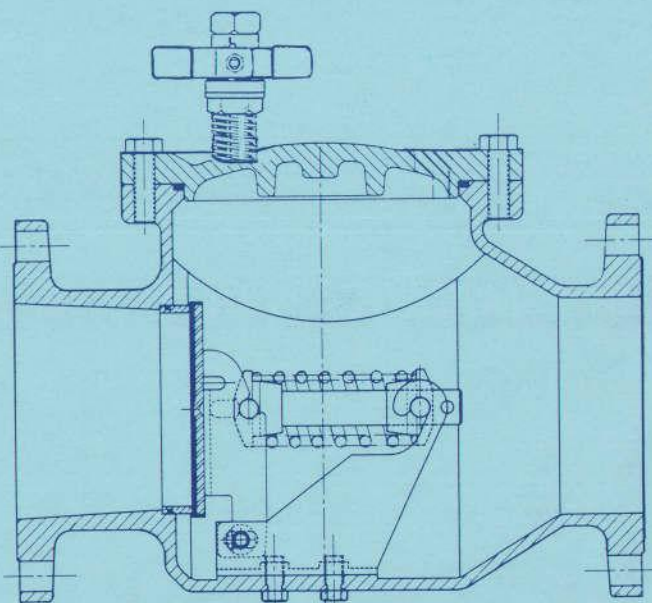
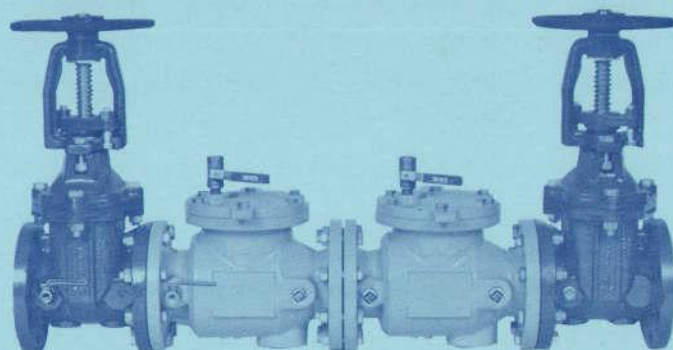
- NRS-RW - with resilient seated NRS gates
- OS&Y-RW - with (UL-FM) resilient seated OS&Y gates
- QT-FDA - epoxy coated quarter turn ball valves
- QT - with quarter turn, resilient seated, ball valve shut-offs
- LF - without shut-off valves
- S - with strainer (FDA approved epoxy coating)

SPECIFICATIONS

For Double Check Valve Backflow Preventers

A double check valve assembly shall be installed at referenced cross connections to prevent the backflow of polluted water into the potable water supply. The assembly shall consist of two independently operating center stem guided check modules. Each check module shall include a captured spring, replaceable seat and replaceable seat disc. The assembly shall also include four ball type test cocks and two resilient seated isolation valves.

The assembly shall be listed or approved under the requirements of ASSE Std. 1015; AWWA Std. C510; CSA B64.5 and shall be a Watts Regulator Series 770.



CHECK ASSEMBLY MODULE

No. 770 Series features a modular design concept which facilitates complete maintenance and assembly by retaining the spring load. The first and second check module are identical and can be interchanged.

World Class Valves



Since 1874

HDQTRS: 815 Chestnut St., N. Andover, MA 01845
MAIL: Box 628, Lawrence, MA 01842 **Telex:** 94-7460
Tel.: (508) 688-1811 **Fax:** (508) 794-1848/794-1674
International Subsidiaries: Watts Regulator of Canada Ltd.
Tel.: (416) 851 8591 **Fax:** (416) 851 8788
 Watts Regulator (Nederland)b.v. **Telex:** 844 35365

MATERIALS

Epoxy coated (FDA approved) ductile iron valve bodies with bronze removable seats and stainless steel trim. All sizes furnished with bronze body ball valve test cocks.

PRESSURE - TEMPERATURE

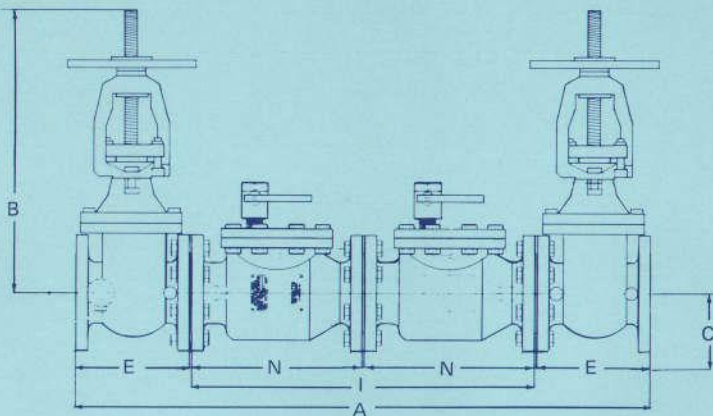
Sizes 4" through 8" are suitable for supply pressure up to 175 psi and water temperatures to 110°F max.

STANDARDS

Tested and certified under the following standards for double check valve backflow preventers: ASSE No. 1015, AWWA C510, CSA B64.5. Consult your Watts representative or factory for other state, county and city acceptances.

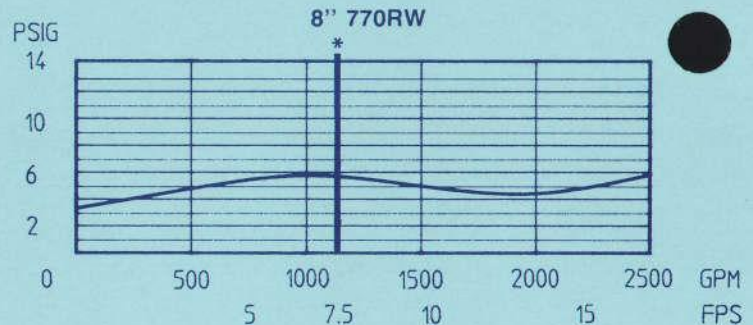
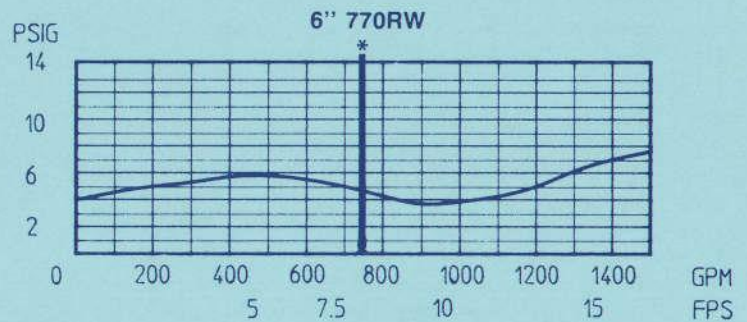
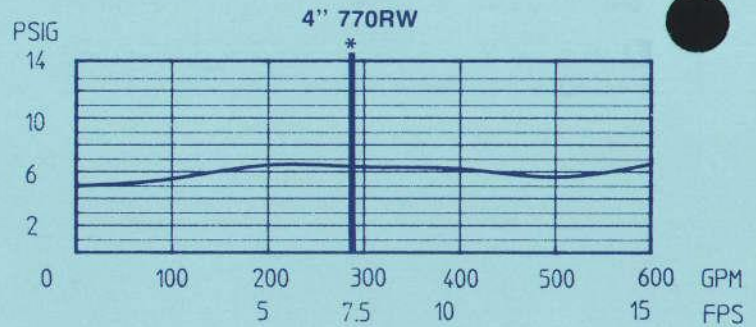
IMPORTANT: Inquire with governing authorities for local installation requirements.

DIMENSIONS - WEIGHTS



SIZE	A	OS&Y B	NRS B	C	E	I	N	Weights (lbs.)	
								OS&Y	NRS
4"	49 ¹⁵ / ₁₆	23 ³ / ₄	15 ¹ / ₂	4.5	9	28 ⁷ / ₈	14 ⁷ / ₁₆	381	329
6"	59 ¹ / ₂	32 ¹ / ₂	20	6.5	11	37 ¹ / ₄	18 ⁵ / ₈	701	617
8"	62	39 ¹ / ₄	24	7	12	46 ⁷ / ₈	23 ⁷ / ₁₆	916	1028

CAPACITY



*Typical maximum system flow rate (7.5 ft/sec.)

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